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ABSTRACT

The vocational followup system in the Minnesota area postsecondary vocational-technical institutes gathers three types of data about the students: (1) biographical, (2) termination and change of program, and (3) followup data on graduates. As part of this three-pronged effort, the termination and change data in the report provide information concerning the number of enrollees who graduated, withdrew, completed training objectives, received trade certificates, or changed programs between July 1, 1972 and June 30, 1973. Appendixes include the system curriculum guide and the categorization system of reasons for withdrawal. (MF)

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ED110824

Report of Student Terminations From Full-Time Day Programs Of The Minnesota Area Vocational-Technical Institutes Between July 1, 1972, and June 30, 1973

SUMMARY OF ALL TERMINATIONS:

ACROSS THE STATE

U S DEPARTMENT OF HEALTH
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

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December, 1973

JUL 16 1975

CE 004648

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FOREWORD

The Vocational Follow-Up System has developed and is operating a system to follow up graduates of the post-secondary day programs of the Area Vocational-Technical Institutes of Minnesota. The System is financed by and operated for the Minnesota State Department of Education, Vocational-Technical Division. The System provides the State of Minnesota with a central follow-up system.

The Vocational Follow-Up System gathers three types of data concerning the students: (1) biographical data, (2) termination and change of program data, and (3) follow-up data on graduates, one year after graduation. The enrollee biographical data provide information concerning the population of people being served by the institutes, as well as the basic information necessary to follow-up students in the future. The termination and change of program data provide information concerning the number of enrollees who graduate, withdraw, complete training objectives or receive trade certificates, or change programs. The follow-up data provide information on what happens to individuals in the world of work after they leave the training programs. Experience with the follow-up system in Minnesota has been highly successful. In the past, returns have been received from about 82 percent of the students followed up and from about 93 percent of their employers.

This report was prepared by the staff of the Vocational Follow-Up System with the coordination of Jeffrey Luftig and Billie T. Rader. Comments concerning the reports and their effectiveness should be addressed to:

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DESCRIPTION AND INTERPRETATION OF TABLES

This report features termination data gathered from the Area Vocational Technical Institutes of Minnesota on students who had a change of enrollment status between July 1, 1972 and June 30, 1973.

TERMINATIONS ARE DEFINED THROUGHOUT THIS REPORT TO INCLUDE, (1) GRADUATIONS, (2) WITHDRAWALS (DROPS), AND (3) TRAINING OBJECTIVE COMPLETIONS OR TRADE CERTIFICATES.

Information is provided to the Vocational Follow-Up System by an institute when a student graduates, completes his training objective or receives a trade certificate, withdraws from an institute, or changes program. Students are classified as "graduates" if they satisfactorily complete all program requirements and formally graduate. Students are classified as "completed training objective or received trade certificate" as follows. If they have partially met the requirements for graduation but have left the training program before graduation to accept employment directly related to their training, they are classified as having "completed training objective." If they have completed the requirements for graduation but have not met the level of performance required to graduate, some institutes present the students with trade certificates. Trade certificates are also awarded (by some institutes) to students who only complete the first part of a two-part program where it is not possible to graduate from the first part alone. Students are classified as "withdrawals" (drops) if they dropped out of an institute. Changes of status are classified as "program changes" when students change their training objectives and transfer to other programs within the same institute.

Four tables are included in this report: (1) TERMINATION STATUS OF STUDENTS, (2) REASONS WHY STUDENTS WITHDREW, (3) NUMBER OF TERMINATIONS FROM EACH CURRICULUM AREA INCLUDED IN THIS REPORT, and (4) NUMBER OF TERMINATIONS FROM EACH AREA VOCATIONAL-TECHNICAL INSTITUTE INCLUDED IN THIS REPORT.

TABLE 1 - TERMINATION STATUS OF STUDENTS

Table 1 presents the numbers and percentages of students who were reported to have (1) graduates, (2) completed training objective or received trade certificate, or (3) withdrawn (dropped) between July 1, 1972, and June 30, 1973. Table 1 also presents the number of program changes made by students during the same period. Please note that it is possible for a given student to have had more than one change of termination status during the reporting period. For example, a person could change from one program to another, and then graduate from the second program.

TABLE 2- REASONS WHY STUDENTS WITHDREW

The numbers and percentages of students who were reported to have withdrawn or dropped from the area vocational-technical institutes for various reasons between July 1, 1972 and June 30, 1973 are presented in Table 2. This table is a further breakdown of the "WITHDRAWALS" (DROPS) category contained in Table 1. The reasons for withdrawal are categorized as: (1) ENTERED THE ARMED FORCES; (2) TRANSFERRED TO ANOTHER AREA VOCATIONAL-TECHNICAL INSTITUTE; (3) TRANSFERRED TO A JUNIOR COLLEGE; (4) TRANSFERRED TO A COLLEGE OR UNIVERSITY; (5) TRANSFERRED TO INSTITUTION OTHER THAN THOSE MENTIONED IN 2, 3, or 4; (6) ECONOMIC REASONS; (7) PERSONAL PROBLEMS; (8) UNSATISFACTORY PROGRAM PERFORMANCE; and (9) REASON UNKNOWN. A list of sample reasons for withdrawal included under each of these categories is presented in Appendix B.

TABLE 3 - NUMBER OF TERMINATIONS FROM
EACH CURRICULUM AREA INCLUDED IN THIS REPORT

Table 3 presents the numbers and percentages of students included in this report who terminated from each major curriculum area of the area vocational-

technical institutes. The curriculum classification system underlying the categories in Table 3 is presented in Appendix A.

TABLE 4 - NUMBER OF TERMINATIONS FROM
EACH AREA VOCATIONAL-TECHNICAL INSTITUTE INCLUDED IN THIS REPORT

Table 4 presents the numbers and percentages of students included in this report who were reported to have terminated from each vocational-technical institute between July 1, 1972 and June 30, 1973.

TERMINATIONS FROM FULL TIME DAY
PROGRAMS OF MINNESOTA AVTI BETWEEN 7/1/72 AND 6/30/73 9900

TABLE 1-TERMINATION STATUS OF STUDENTS - TERMINATIONS INCLUDE GRADUATES, WITHDRAWALS, TRAINING OBJECTIVE COMPLETIONS AND TRADE CERTIFICATES

CATEGORY	NUMBER	PERCENT
1. GRADUATES	9374	65.38
2. COMP. TRNG. OBJ./TRADE CERT.	747	5.21
3. WITHDRAWALS (DROPS)	4216	29.41
PROGRAM CHANGES	520	**
TOTALS	14857	100.00

TABLE 2-REASONS WHY STUDENTS WITHDREW

CATEGORY	NUMBER	PERCENT
1. ENTERED THE ARMED FORCES	154	3.65
2. TRANSFERRED TO ANOTHER AVTI	122	2.89
3. TRANSFERRED TO A JUNIOR COLLEGE	37	0.88
4. TRANSFERRED TO A COLLEGE OR UNIV.	80	1.90
5. TRANS. TO INST. OTHER THAN 2,3, OR 4	23	0.55
6. ECONOMIC REASONS	1051	24.93
7. PERSONAL PROBLEMS	777	18.43
8. UNSATISFACTORY PROGRAM PERFORMANCE	1398	33.16
9. REASON UNKNOWN	574	13.61
TOTALS	4216	100.00

TABLE 3-NUMBER OF TERMINATIONS FROM
EACH CURRICULUM AREA INCLUDED IN THIS REPORT

CATEGORY	NUMBER	PERCENT
1. ACCOUNTING (45)(9 1)	771	5.19
2. AGRI-BUSINESS (50)(902)	78	0.53
3. AGRI-TECHNOLOGY (37)(902)	62	0.42
4. AIRCRAFT MECHANICS (18)(923)	175	1.18
5. AIR TRAFFIC CONTROL (81)(937)	13	0.09
6. ARCHITECTURAL DRAFTING (09)(908)	255	1.72
7. AUDIO-VISUAL TECHNOLOGY (79)(915)	22	0.15
8. AUTO BODY REPAIR (75)(923)	317	2.13
9. AUTOMOTIVE (06)(923)	944	6.35
10. AUTOMOTIVE MACHINIST (86)(923)	12	0.08
11. BAKERY PROCEDURES (31)(913)	56	0.38
12 BANK TELLER (88)(901)	34	0.23
13. BARBERING (24)(916)	14	0.09
14. BRICKLAYING (28)(925)	24	0.16
15. BROADCASTING (63)(904)	35	0.24
16. BUTCHER AND MEAT CUTTING (62)(913)	93	0.63
17. CABINETMAKING (20)(941)	54	0.36
18. CARPENTRY (04)(941)	322	2.17
19. CHEFS,COOKS AND FOOD MGMT.(15)(913)	432	2.91
20. CHEMICAL TECHNOLOGY (77)(920)	49	0.33
21. CHILD DEVELOPMENT ASST. (66)(917)	121	0.81
22. CLERICAL TRAINING (47)(901)	960	6.46
23. COMMERCIAL ART (68)(9 3)	112	0.75
24. CONSERVATION AND FORESTRY (61)(914)	40	0.27
25. CONST./MECH. TRADES (92)(934)	34	0.23
26. CONSTRUCTION WORKER (78)(906)	32	0.22
27. COSMETOLOGY (17)(916)	325	2.19
28. CUSTODIAL WORKER (71)(907)	13	0.09
29. DATA PROCESSING (49)(901)	269	1.81
30. DENTAL ASSISTANT (33)(917)	158	1.06
31. DIESEL MECHANICS (10)(923)	220	1.48
32. DRY CLEANING AND LAUNDRY (89)(905)	2	0.01
33. EDUCATIONAL AIDE (76)(909)	39	0.26
34. ELECTRO-MECHANICAL TECH. (40)(911)	122	0.82
35. ELECTRO-MEDICAL TECHNOLOGY (82)(910)	6	0.04
36. ELECTRONICS (01)(910)	509	3.43
37. ENVIRONMENTAL TECH. (99)(939)	13	0.09
38. EQUIPMENT PARTS AND SALES (42)(933)	80	0.54
39. FARM EQUIPMENT MECHANICS (13)(902)	82	0.55
40. FARM MANAGEMENT (51)(902)	116	0.78
41. FARRIER (70)(912)	18	0.12
42. FASHION MERCHANDISING (57)(905)	216	1.45
43. FLUID POWER TECH. AND HYD. (22)(923)	94	0.63
44. HEAVY EQUIPMENT (56)(923)	20	0.13
45. HIGHWAY TECHNOLOGY (35)(908)	86	0.58
46. INDUSTRIAL TECHNOLOGY (83)(936)	9	0.06
47. INTERIOR DESIGN AND SALES (44)(933)	43	0.29
48. INTL. DOCUMENTS SPEC. (59)(933)	14	0.09
49. JEWELRY (55)(919)	16	0.11
50. LAW ENFORCEMENT (60)(922)	30	0.20
51. MACHINE SHOP (11)(924)	403	2.71
52. MAINTENANCE MECHANIC (46)(924)	32	0.22
53. MARINE AND SMALL ENG. MECH.(25)(923)	182	1.23

(TABLE CONTINUED ON NEXT PAGE)

(TABLE CONTINUED FROM PREVIOUS PAGE)

54. MECH. DRAFTING AND DESIGN (08)(908)	279	1.88
55. MECH.REF.AIR.CON.APP.REP.(32)(911)	150	1.01
56. MEDICAL CLERICAL (96)(901)	254	1.71
57. MEDICAL LABORATORY ASST. (39)(917)	146	0.98
58. MEDICAL SECRETARIAL (91)(901) . . .	344	2.32
59. MOBILE HOMES SERVICES (84)(926) . .	11	0.07
60. NEEDLE ARTS (53)(905)	126	0.85
61. NEWSPAPER SKILLS (87)(9 7)	7	0.05
62. NURSERY/LANDSCAPE TECH. (34)(921)	132	0.89
63. NURSES AIDE OR ORDERLY (67)(917) . .	518	3.49
64. OCCUPATIONAL THERAPY ASST. (74)(917)	47	0.32
65. OFFICE MACHINE MECH. (30)(928) . . .	40	0.27
66. OPTICAL TECHNOLOGY (38)(929)	46	0.31
67. PAINTING AND DECORATING (95)(930)	42	0.28
68. PATTERN MAKING (23)(924)	16	0.11
69. PHOTOGRAPHIC TECHNOLOGY (72)(931)	45	0.30
70. PLASTIC INJEC.MOLD.TECH. (26)(924)	14	0.09
71. PLUMBING (21)(932)	113	0.76
72. POWER AND HOME ELEC. (02)(910) . . .	451	3.04
73. PRACTICAL NURSING (03)(917)	829	5.58
74. PRINTING AND GRAPHIC ARTS (07)(915)	257	1.73
75. PURCH. AND INVENTORY MGMT. (94)(901)	6	0.04
76. RETAIL FLORISTRY (43)(921)	26	0.18
77. SALES AND BUSINESS MGMT. (41)(933)	491	3.30
78. SECRETARIAL TRAINING (48)(901) . . .	1214	8.17
79. SERVICE STATION MECH. (19)(92) . .	17	0.11
80. SHEET METAL (64)(934)	59	0.40
81. SHOE REPAIR (16)(935)	18	0.12
82. SURGICAL TECHNICIAN (80)(917) . . .	72	0.48
83. TECHNICAL ILLUSTRATION (52)(903) . .	17	0.11
84. TELEPHONE COMMUNICATIONS (58)(910)	104	0.70
85. TESTING TECH.AND METAL FAB.(14)(936)	19	0.13
86. TOOL AND DIE (05)(924)	139	0.94
87. TRAFFIC TRANSPORT. MGMT. (54)(937)	37	0.25
88. TRUCK DRIVER (90)(937)	49	0.33
89. UPHOLSTERING (29)(938)	19	0.13
90. WAITER/WAITRESS (85)(913)	1	0.01
91. WASTE/WATER TREAT. TECH. (73)(939)	25	0.17
92. WATCH REPAIR (27)(919)	15	0.10
93. WATER WELL DRILLING (93)(932) . . .	1	0.01
94. WELDING (12)(940)	483	3.25
T O T A L S	14857	100.02

TABLE 4-NUMBER OF TERMINATIONS FROM EACH AREA VOCATIONAL-TECHNICAL INSTITUTE INCLUDED IN THIS REPORT

CATEGORY	NUMBER	PERCENT
1. 916 VO-TECH INSTITUTE	503	3.39
2. ALBERT LEA	140	0.94
3. ALEXANDRIA	713	4.80
4. ANOKA	1425	9.59
5. AUSTIN	208	1.40
6. BEMIDJI	165	1.11
7. BRAINERD	324	2.18
8. CANBY	252	1.70
9. DAKOTA COUNTY	207	1.39
10. DETROIT LAKES	279	1.88
11. DULUTH	797	5.36
12. EVELETH	225	1.51
13. FARIBAULT	292	1.97
14. GRANITE FALLS	212	1.43
15. HIBBING	253	1.70
16. HUTCHINSON	214	1.44
17. JACKSON	326	2.19
18. MANKATO	738	4.97
19. MINNEAPOLIS	817	5.50
20. MOORHEAD	548	3.69
21. PINE CITY	143	0.96
22. PIPESTONE	328	2.21
23. RED WING	38	0.26
24. ROCHESTER	546	3.68
25. ST. CLOUD	831	5.59
26. ST. PAUL	1597	10.75
27. STAPLES	259	1.74
28. SUBURBAN HENNEPIN	442	2.98
29. THIEF RIVER FALLS	357	2.40
30. WADENA	326	2.19
31. WILLMAR	785	5.28
32. WINONA	567	3.82
TOTALS	14857	100.00

APPENDIX A - SYSTEM CURRICULUM GUIDE

The following appendix, the System Curriculum Guide, is useful in interpreting Table 3 - NUMBER OF TERMINATIONS FROM EACH CURRICULUM AREA INCLUDED IN THIS REPORT. The appendix lists the broad occupational clusters, the curriculum areas included in each cluster, and specific programs within each curriculum area.

The numbers within parentheses following each of the curriculum categories presented in Table 3 indicate the broad occupational cluster and the curriculum area in which that specific program is located. The first number in parentheses is the number of the curriculum area. The second number (the "900" number) is the number of the broad occupational cluster. The broad occupational clusters are arranged numerically within the appendix.

EXAMPLE: In the case of Agri-Business, the first number in parentheses indicates the number of the curriculum area (50). The second number in parentheses (902) indicates that the curriculum area is located in the broad occupational cluster AGRICULTURAL RELATED OCCUPATIONS. The course names underneath (50) Agri-Business are specific programs offered across the state included in the curriculum area, Agri-Business.

Some curriculum areas are placed under more than one broad occupational cluster, since graduates of these curriculum areas may find employment related to training in more than one broad occupational cluster.

APPENDIX A - SYSTEM CURRICULUM GUIDE

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

901. ACCOUNTING AND CLERICAL RELATED OCCUPATIONS

45. Accounting
Bookkeeping

88. Bank Teller
Banking and Finance

47. Clerical
Clerical Training and Keypunch
General Office Practice
Insurance Procedures
Loan Clerk
Typing and Related

49. Data Processing
Computer Operator
Computer Programmer
Computer Programming for Accountants
Keypunch

96. Medical Clerical
Hospital Service Coordinator
Hospital Station Secretary
Medical Receptionist

91. Medical Secretarial
Medical Office Assistant
Medical Office Services
Medical Secretarial

94. Purchasing and Inventory Management

48. Secretarial
Clerical Secretary
Education Office Occupations
Law Enforcement Office Occupations
Personnel Office
Secretarial, Finance
Secretarial, Legal
Secretarial, Stenography
Steno-Clerical
Traffic Office

902. AGRICULTURAL RELATED OCCUPATIONS

50. Agri-Business
Agri-Business Sales and Management
Agricultural Banking

37. Agri-Technology
Ag Chemicals and Seed Technology
Agricultural Supplies Technology
Irrigation Technology
Specialty Crops

42. Equipment Parts and Sales
Auto Parts Counterman
Partsman Training

13. Farm Equipment Mechanics
Agri-Business Materials Handling

51. Farm Management
Production Agriculture

903. ART RELATED OCCUPATIONS

68. Commercial Art
Production Art

52. Technical Illustration

904. BROADCASTING RELATED OCCUPATIONS

63. Broadcasting
Radio Broadcasting
Telecasting and Broadcasting Technology

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

905. CLOTHING RELATED OCCUPATIONS

57. Fashion Merchandising
Fashion Management
Men's Wear Management
Men's Wear Merchandising

53. Needle Arts
Apparel Arts
Apparel Specialist
Commercial Tailoring
Tailoring

89. Drycleaning and Laundry

906. CONSTRUCTION WORKER RELATED OCCUPATIONS

04. Carpentry

78. Construction Worker

907. CUSTODIAL RELATED OCCUPATIONS

71. Custodial Worker
Building Cleaning & Care
Custodial Service
Household, Commercial and Domestic Aid

908. DRAFTING RELATED OCCUPATIONS

09. Architectural Drafting and Design
Electrical Drafting

35. Highway Technology
Civil Technology
Civil Engineering Technology

08. Mechanical Drafting and Design
Design Technology
Engineering Drafting Technician
Industrial Drafting
Municipal Engineering Technology

909. EDUCATIONAL AIDE RELATED OCCUPATIONS

76. Educational Aide
Teacher Aide

910. ELECTRICITY - ELECTRONICS RELATED OCCUPATIONS

82. Electro-Medical Technology

01. Electronics
Communications
Electronics Engineering Technology
Industrial Electronics
Instrumentation and Computer Maintenance
Mobile Communications Technolog
Radio and TV Repair
Radio, TV, and Home Entertainment Equipment Service

02. Power and Home Electricity
Construction Electrician
Electrical Maintenance
Electrical Technology
Electrician, Power Distributing Industries
Lineman Electrician
Total Energy

58. Telephone Communications Technician

911. ELECTRO - MECHANICAL TECHNOLOGY RELATED OCCUPATIONS

92. Construction Mechanical Trades

40. Electro-Mechanical Technology
Building, Electrical, and Mechanical Maintenance
Building Operation and Maintenance
Industrial Instrumentation

(continued)

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

911. ELECTRO - MECHANICAL TECHNOLOGY RELATED OCCUPATIONS (continued)

32. Mechanical Refrigeration, Air Conditioning, and Heating
Major Appliance Service
Refrigeration, Heating, Air Conditioning, and Appliance Repair

912. FARRIER RELATED OCCUPATIONS

70. Farrier

913. FOOD SERVING AND/OR PROCESSING RELATED OCCUPATIONS

31. Bakery Procedures

62. Butcher and Meat Cutting

15. Chefs, Cooks, and Food Management
Commercial Foods
Commercial Cooking and Baking
Dietetic Assistant
Food Service Management
Quality Food Production and Management
Quantity Food Preparation
Restaurant and Hotel Cookery Management
Service Occupations and Occupational Home Economics

85. Waiter, Waitress

914. FOREST INDUSTRY RELATED OCCUPATIONS

61. Conservation and Forestry
Forest Harvesting Technician
Land Construction Conservation Technology
Natural Resource Technician

36. Paper and Pulp Technology

915. GRAPHIC ARTS RELATED OCCUPATIONS

79. Audio-Visual Technology
Audio-Video Technician
Television and Audio-Video Production

07. Printing and Graphic Arts
Offset Printing

916. GROOMING RELATED OCCUPATIONS

24. Barbering

17. Cosmetology

917. HEALTH RELATED OCCUPATIONS

66. Child Development Assistant
Child Service Technology

33. Dental Assistant
Dental Lab Technician

96. Medical Clerical
Hospital Service Coordinato
Hospital Station Secretary
Medical Receptionist

39. Medical Laboratory Assistan

91. Medical Secretarial
Medical Office Assistant
Medical Office Services
Medical Record Technician

67. Nurse's Aide or Orderly
Home Health Aide
Nursing Assistant
Psychiatric Technician

74. Occupational Therapy Assist

03. Practical Nursing

80. Surgical Technician

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

918. INDUSTRIAL SUPERVISION RELATED OCCUPATIONS

69. Industrial Foremanship Training

919. JEWELRY/WATCH REPAIR RELATED OCCUPATIONS

55. Jewelry
Metal Arts

27. Watch Repair

920. LABORATORY ASSISTANT RELATED OCCUPATIONS

77. Chemical Technology
Chemical Laboratory Technician

39. Medical Laboratory Assistant

921. LANDSCAPE/FLORISTRY RELATED OCCUPATIONS

34. Nursery/Landscape Technology

43. Retail Floristry

922. LAW ENFORCEMENT RELATED OCCUPATIONS

60. Law Enforcement

923. MACHINERY REPAIR RELATED OCCUPATIONS

18. Aircraft Mechanics
Avionics (Aviation Electronics)

75. Auto Body Repair
Automobile Body Repairman
Used Car Renovator

(continued)

923. MACHINERY REPAIR RELATED OCCUPATIONS (continued)

06. Automotive
Auto Mechanics
Automobile Management
Automobile Tune-Up
Automotive Service Specialist
Automotive Technician
Wheel Alignment and Brake Service

86. Automotive Machinist

10. Diesel Mechanics
Heavy Truck and Diesel Engine Mechanics
Truck Mechanics

42. Equipment Parts and Sales
Auto Parts Counterman
Partsman Training

13. Farm Equipment Mechanics
Agri-Business Materials Handling

22. Fluid Power Technology and Hydraulics
Industrial Hydraulics and Pneumatics

56. Heavy Equipment
Heavy Equipment Operation and Maintenance

25. Marine and Small Engine Mechanics

19. Service Station Mechanic
Service Station Sales and Repair

924. MACHINIST RELATED OCCUPATIONS

86. Automotive Machinist

(continued)

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

924. MACHINIST RELATED OCCUPATIONS (continued)

11. Machine Shop
Machine Operator
Machine Tool Operator
Machine Tool Process
Machine Tool Rebuilding
Machinist
Numerical Control Technology
Production Machinist

46. Maintenance Mechanic

23. Pattern Making

26. Plastic Injection Molding Technology

05. Tool and Die
Machine Shop - Die Making
Machine Tool and Die
Tool Design Technician
Tool, Die, Mold-Making
Tool Engineering Technician

925. MASONRY RELATED OCCUPATIONS

28. Bricklaying

926. MOBILE HOMES SERVICES RELATED OCCUPATIONS

84. Mobile Homes Services

927. NEWSPAPER RELATED OCCUPATIONS

87. Newspaper Skills

928. OFFICE MACHINE MECHANIC RELATED OCCUPATIONS

30. Office Machine Mechanics

929. OPTIC RELATED OCCUPATIONS

38. Optical Technology

930. PAINTING AND DECORATING RELATED OCCUPATIONS

95. Painting and Decorating

931. PHOTOGRAPHIC RELATED OCCUPATIONS

72. Photographic Technology

932. PIPEFITTING AND PLUMBING RELATED OCCUPATIONS

92. Construction Mechanical Tra

21. Plumbing
Pipefitting

93. Water Well Drilling

933. SALES RELATED OCCUPATIONS

50. Agri-Business
Agri-Business Sales and Manufacturing
Agricultural Banking

42. Equipment Parts and Sales
Auto Parts Counterman
Partsman Training

57. Fashion Merchandising
Fashion Management
Men's Wear Management
Men's Wear Merchandising

44. Interior Design and Sales Assistant

59. International Documents Specialist

(continued)

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

933. SALES RELATED OCCUPATIONS (continued)

41. Sales and Business Management
Aviation Administration
Food Merchandising
Hardware Marketing & uilding Supplies
Lumberyard Management
Marketing-Merchandising
Produce Management
Retail Merchandising
Sales Associate
Sales and Marketing
Small Business Management
Supermarket Management
Wholesaling, Retailing Marketing-Management

934. SHEET METAL RELATED OCCUPATIONS

92. Construction Mechanical Trades

64. Sheet Metal
Sheet Metal and Design

935. SHOE REPAIRING RELATED OCCUPATIONS

16. Shoe Repairing

936. TESTING RELATED OCCUPATIONS

83. Industrial Technology
Industrial Lab Technician
Quality Control Technician

14. Testing Technology and Metal Fabrication

937. TRANSPORTATION RELATED OCCUPATIONS

81. Air Traffic Control

54. Traffic Transportation Management

90. Truck Driver

938. UPHOLSTERING RELATED OCCUPATIONS

29. Upholstering

939. WASTE AND WATER TREATMENT TECHNOLOGY RELATED OCCUPATIONS

73. Waste and Water Treatment Technology

940. WELDING RELATED OCCUPATIONS

75. Auto Body Repair
Automobile Body Repairman
Used Car Renovator

12. Welding

941. WOODWORKING RELATED OCCUPATIONS

20. Cabinetmaking

04. Carpentry

942. UNSKILLED WORKER

943. MISCELLANEOUS OCCUPATIONS

APPENDIX B

Categorization System for Reasons for Withdrawal

Student withdrawals are classified in Table 2 - REASONS WHY STUDENTS WITHDREW, into nine categories. These categories are listed below along with several sample reasons for withdrawal which would result in a particular classification.

1. ENTERED THE ARMED FORCES

2. TRANSFERRED TO ANOTHER AREA VOCATIONAL-TECHNICAL INSTITUTE

3. TRANSFERRED TO A JUNIOR COLLEGE

4. TRANSFERRED TO A COLLEGE OR UNIVERSITY

5. TRANSFERRED TO INSTITUTION OTHER THAN THOSE MENTIONED IN 2, 3, 4

6. ECONOMIC REASONS

   -insufficient funds
   -accepted a full-time job not related to his AVTI program
   -etc.

7. PERSONAL PROBLEMS

   -family problems
   -health-illness-or death
   -marriage
   -moved from area
   -pregnancy
   -etc.

8. UNSATISFACTORY PROGRAM PERFORMANCE

   -poor grades-lack of progress
   -absent too frequently
   -could not adjust to training program
   -lack of educational interest
   -etc.

9. REASON UNKNOWN

   -no reason given by student
   -non-interpretable reason
   -etc.